

# IBM POWER SYSTEMS FOR SAP ENVIRONMENTS



## Client's Business Needs

The client acquired a business unit in the U.S. and had to move the SAP ERP application system running the business to their own infrastructure. The client decided to purchase IBM Power servers and IBM V7000 storage to run SAP. The existing SAP environment had been running on Power AIX and Storwize V7000 and the client was also using the same platforms to run Oracle EnterpriseOne for their core business.

## Customer Background

The client is one of North America's largest independent manufacturers of consumer packaged goods ("CPG"), with leading market positions in the multibillion household and personal care ("HPC") and over-the-counter ("OTC") categories. They are also a global leader in the development and marketing of pool and spa additives and related pool products. The client maintains close relationships with a roster of "blue chip" leading global CPG customers and virtually every major North American retailer.

## Description of Solution

The client wanted a fully virtualized enterprise solution that provided the performance and reliability required to run a complex solution like SAP. The proposed solution was a pair of identical IBM Power 750+ servers attached to an IBM Storwize V7000 Gen2 storage system.

IBM's PowerVM virtualization technology provided the hypervisor for shared hardware resources on redundant Virtual I/O Servers.

The IBM Storwize V7000 Gen2 provided the storage for the AIX and VMware platforms that were deployed for the SAP environment.

The technology for this project (Power Systems, Storwize V7000 Gen2 and Cisco UCS x86) was deployed and integrated without any compatibility issues.

## Solution Benefits

1. Positioned the customer for growth by using an enterprise platform that could easily scale out as the business grew.
2. Cost savings benefits of IBM PowerVM that reduce DB and middleware licensing costs through concepts like shared processor pools.
3. Higher workload utilization of Power Systems technology that allow up to 80% CPU utilization with PowerVM.
4. The V7000 Gen2 offered a high performance storage solution using SSD and SAS drives with EasyTier.
5. Deployment and management were simplified with the Storwize GUI.
6. Future plans may include deploying storage replication for DR. The V7000 Gen2 offered IP-based replication at a significant cost savings with the full feature software bundle.
7. IBM's support for other vendor technology which integrate with IBM Power and Storwize V7000 Gen2.

## About Blair

Blair Technology Solutions provides tailored, innovative and flexible IT solutions to a variety of mid to large-sized enterprises across Canada.

Our full complement of versatile, scalable and flexible solutions, are exclusively tailored for your organizational requirements.

From traditional infrastructure to Managed Services and Digital Transformation, Blair has extensive expertise in building custom solutions to meet the needs of your unique IT environment.

## About Blair

*We can identify potential issues before they affect your IT environment's performance and availability.*

*What makes us unique is our commitment to complete customer satisfaction and our ability to provide highly tailored services that fit the distinctive needs of each client.*